





Form PTO-1449 U.S. Department of Commerce (Rev. 8-88) Patent and Trademark Office INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)	Attorney Docket No.: 1990.69557	Serial No.:
	Applicant: Keiji Shimatani	
	Filing Date: Feb. 9, 2004	Group:


U.S. PATENT DOCUMENTS

Examiner Initial*	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	4,549,232	Oct. 22, 1985	Axmear et al.	360	77	Jun. 27, 1983

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	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
	10-83640	Mar. 31, 1998	Japan	-	-	Abs.	
	7-105643	Apr. 21, 1995	Japan	-	-	Abs.	
	2001-110027	Apr. 20, 2001	Japan			Abs.	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	"Disk File Phase-Encoded Sector Servo Pattern with data and Reference Fields in Each Sector"; <i>IBM Technical Disclosure Bulletin</i> ; Vol. 29, No. 8; Jan. 1, 1987; pp. 3697-3699.

Examiner  Date Considered April 06, 2005.

*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.